

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:48 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 421 Const Calendar Day: 144 Date: 26-Oct-2012 Friday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:40 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Cable Wrapping

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Cable wrapping
- Painting of the suspender ropes

Today I was inspecting Tony Costa's crew on Cable wrapping on the North main-span. See the diaries of L. Woo, S. Daouk, F. Carpio, & B. Wolcott for additional details of Cable field work.

- I arrived at the pier 7 office at 07:00, & was on the bridge at 07:10
- From 07:10 until 08:00, wrapping with the "pull" machine was ongoing just downhill of the cable band (CB) at PP 100N.
- From 08:00 until 08:15, they had reached the limit of the area that they could machine wrap, & they were approximately 100mm downhill of the CB. This area will later be hand wrapped. They loosely un-spoiled 15 wraps of S-wire around the Cable to be able to be hand wrapped later. This area was covered in protective plastic.
- From 08:15 until 08:40, the "pull" machine was removed from the Cable.
- From 08:40 until 09:45, the "push" wrapping machine was installed on the Cable just uphill of the CB at PP 100N. - Note: I inspected the zinc paste in this area prior to the machine being installed, & it was OK.
- From 09:45 until 10:00, they aligned the machine to start wrapping.
- From 10:10 until 10:40, the first 300mm of the Cable was wrapped with S-wire.
- From 10:40 until 11:15, Cadwelds were placed atop the Cable to secure the S-wire in place.
- From 11:15 until 11:30, they tried to knock the 300mm section of S-wire downhill to lap under the CB caulking groove. However, during this operation, one of the S-wires broke, which caused the rest of the S-wire to lose tension.
- From 11:30 until 11:40, they removed all of the recently placed 300mm of S-wire, & did touch-up of the zinc paste prior to the re-start of wrapping.
- From 11:40 until 12:00, wrapping was re-started, & the first 300mm of the Cable was wrapped with S-wire.
- From 12:00 until 12:30, lunch.
- From 12:30 until 13:00, Cadwelds were placed atop the Cable to secure the S-wire in place.
- From 13:00 until 13:30, the 300mm section of S-wire was knocked downhill to lap under the CB caulking groove.
- From 13:30 until 13:50, they aligned the machine to re-start wrapping.
- From 13:50 until 16:00, wrapping of the Cable was ongoing in the bay between the cable bands (CBs) at PPs 100N & 98N. They progressed about 5m during this time, & then ran out of S-wire on the bobbins.
- From 16:00 until 16:20, Cadwelds were placed atop the Cable to secure the S-wire in place.
- From 16:20 until 16:40, the empty bobbins were removed from the wrapping machine, & fresh bobbins



Daily Diary Report by Bid Item

Job Name: 04-0120F4

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Friday

were installed.

- From 16:30 until the end of the shift, the areas of the Cable with zinc paste were covered in protective plastic.
- From 16:40 until the end of the shift, they prepped to get ready to do the S-wire butt splice. The splicing will be done tomorrow morning.
- At 17:00, the crew wrapped up their tools to end the shift.
- At 17:10, I left the bridge.
- From 17:20 until 17:40, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-PWS-WCS.067 Wrap Cable System

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	Robert Larue	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	ZACHARIAH MACDONALD	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JONATHON BISKNER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	LUIS DIAZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	FOR	GUILLERMO LIMON	8.00	2.00	0.00	10.00		<input type="checkbox"/>